

PTC/SB/82 (01-06) Approved for use through 12/31/2008. OMB 0651-0035

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Application Number	10/561,324				
Filing Date	04/19/2006				
First Named Inventor	Bryan A. Kraynack				
Art Unit	1635				
Examiner Name .	Tracy Ann Vivlemore				
Attorney Docket Number	CHEM0021USA				

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I hereby revoke all previous powers of attorney given in the above-identified application.								
A Power of Attorney is submitted herewith.								
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I am the: Applicant/Inventor.								
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)								
SIGNATURE of Applicant or Assignee of Record								
Signature	1/1	Mu_						
Name	Jason D. F	n D. Ferrone, J.D.						
Date	06/03/2009			Те	elephone	760-931-92	.00	
NOTE: Signatures of all the inventors or assignous of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.								
*Total of 1forms are submitted.								

This collection of information is required by 37 CFR 1.36. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application from to the USPTO. These will very depending upon the IndMdual case. Any comments on the amount of time you require to complete this form and/or suggestions for roducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTC/SB/36 (03-08)

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STATEMENT UNDER 37 CFR 3.73(b)					
Applicant/Patent Owner: Isis Pharmaceuticals, Inc.					
Application No./Patent No.: 10/561,324	Filed/Issue Date: 04/19/2006				
Titled: DOUBLE STRANDED COMPOSITIONS COMPRISING A 3'-ENDO MODIFIED STRAND FOR USE IN GENE MODULATION					
Isis Pharmaceuticals, Inc. a Corpor	ration				
(Name of Assignee, e.g., corporation, partnership, university, government egency, etc.					
states that it is:					
1. X the assignee of the entire right, title, and interest in;					
2. an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is					
3. the assignee of an undivided interest in the entirety of (a c	omplete assignment from one of the joint inventors was made)				
the patent application/patent Identified above, by virtue of either:					
An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 17160 , Frame 0778 , or for which a copy therefore is attached.					
OR					
B. A chain of title from the inventor(s), of the patent application	en/patent identified above, to the current assignee as follows:				
1. From:	To:				
The document was recorded in the United State					
· Kee, Frame	, or for which a copy thereof is attached.				
2. From:	То:				
The document was recorded in the United State	s Patent and Trademark Office at				
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3. From:	To:				
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Additional documents in the chain of title are listed on a supplemental sheet(s).					
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.					
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]					
The undersigned windse title is supplied below) is authorized to act on behalf of the assignee.					
Ifthe.	06/03/2009				
Signature	Date				
Jason D. Ferrone, J.D.	Vice President and Senior Patent Counsel				
Printed or Typed Name	Tille				

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.